

## ARG57623 anti-CD9 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD9
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Specificity	The antibody detects endogenous levels of total CD9.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD9
Species	Human
Immunogen	Synthetic peptide derived from Human CD9.
Conjugation	Un-conjugated
Alternate Names	Leukocyte antigen MIC3; BTCC-1; TSPAN-29; MIC3; Tetraspanin-29; p24; Cell growth-inhibiting gene 2 protein; CD9 antigen; MRP-1; DRAP-27; 5H9 antigen; CD antigen CD9; TSPAN29; Motility-related protein; Tspan-29

### Application Instructions

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:500 - 1:2000
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

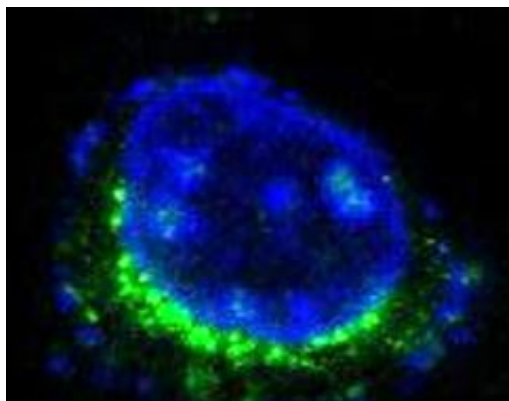
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

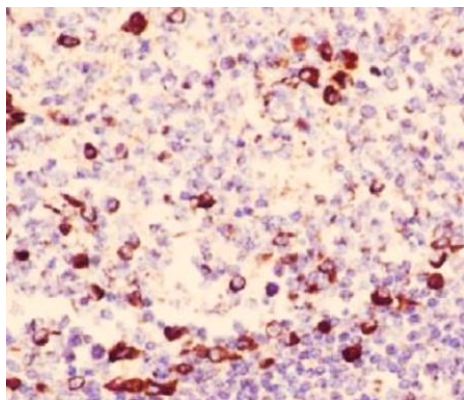
Gene Symbol	CD9
Gene Full Name	CD9 molecule
Background	This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011]
Function	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion. [UniProt]
Highlight	Related products: <a href="#">CD9 antibodies</a> ; <a href="#">CD9 ELISA Kits</a> ; <a href="#">Anti-Rabbit IgG secondary antibodies</a> ; Related news: <a href="#">New antibodies for exosome isolation</a>
Calculated Mw	25 kDa
PTM	Palmitoylated at a low, basal level in unstimulated platelets. The level of palmitoylation increases when platelets are activated by thrombin (in vitro). The protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids. [UniProt]

## Images



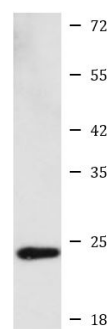
ARG57623 anti-CD9 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG57623 anti-CD9 antibody.



ARG57623 anti-CD9 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue stained with ARG57623 anti-CD9 antibody.



MCF7

ARG57623 anti-CD9 antibody WB image

Western blot: MCF7 cell lysate stained with ARG57623 anti-CD9 antibody at 1:1000 dilution.